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## VALVE FEEDING AND ASSEMBLY STATION

Two differently sized valves have to be fed, positioned and counted. Thereafter, the valves are sent to a packaging unit.

### Machine Components:

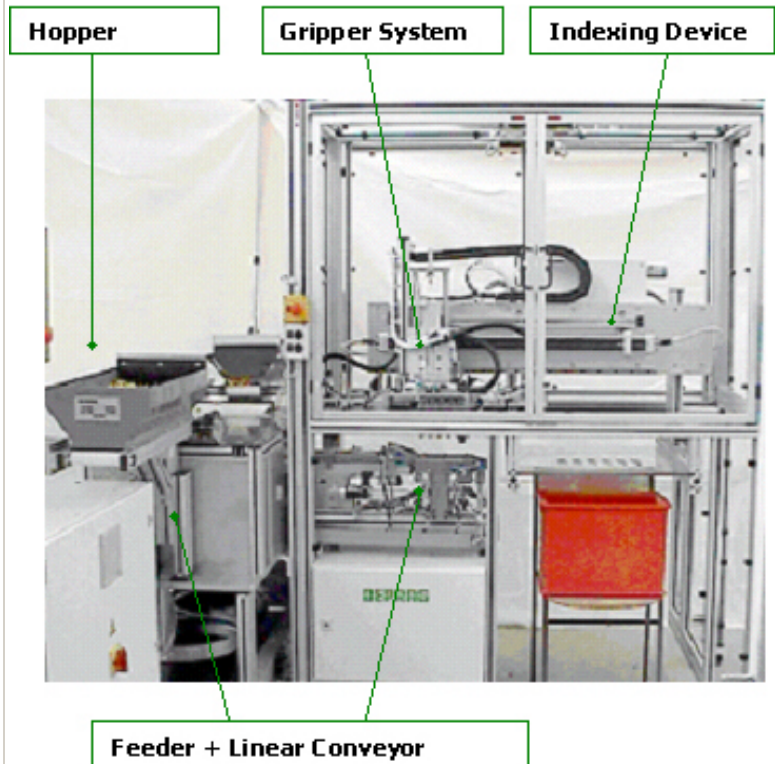
- Two Hoppers
- One Feed Unit with linear conveyor and interchangeable vibratory bowls (for the differently sized valves).
- One Gripper System (12 individual grippers), which is attached to an indexing device with a soft-stop drive.
- DEPRAG controller **LC2plus** with corresponding operator interface panel **TP2plus**.

### Machine Cycle Description:

The valves are separated in the feed system, counted on the linear conveyor and transported into a pick-position. The Gripper System, which is attached to an indexing device, removes the valves from the pick position and brings them to a packaging position.

The extreme short cycle time is only possible, because of the use of a soft-stop drive, which is integrated into the indexing device.

The Gripper System, which consists of 12 distance adjustable grippers, achieves a high flexibility because of the parallel used gripper principle. This is necessary because the distances between the valves deviate from one size to the next. Also, the spacing at the pick position and the packaging position varies. The adjustment of the gripper distance is possible on the interface TP2plus.



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